

OSA - 0601-66

cy 10F2

31 JUL 1966

Subject: ECP GR-49, Contract LP-2264

Dear Chuck,

This ECP is technically approved by the SPO.
Request you furnish with formal authority to accomplish
this change.

STATINTL

Best regards,

George

George

STATINTL

Copy:



GA - 531		ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>		GR - 49						
DATE 12/29/65		AFFECTS: GA531A <input type="checkbox"/>		STATINTL						
NAME OF MAJOR COMPONENT Recorder		PART OR LOWEST SUBASSEMBLY Video Amplifier Assy, Relay Assy, Resistor Assy, Cover Assy.		PART NO. MODEL OR TYPE 531A705-005-101 (old) 531A705-010-101 (new)						
TITLE OF PROPOSAL: Video Amplifier Redesign (New PC Board)										
NATURE OF PROPOSAL: SEE PAGE 2.										
REASON FOR PROPOSAL: 1. Increase Bandwidth, increase gain, change gain for different range scales; eliminate "plywood effect" on the map film. New amplifier has been tested in the flight program with good results.										
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
CP	ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED: N/A									
ITEMS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line Units S/N A7002-9 thru -19 to be retrofitted.										
SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER-CHANGEABILITY	WEIGHT OR WEIGHT AND BALANCE	TOOLS AND SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 30 min disassemble; 4 hrs rework; 2 hrs test; 30 min assemble.										
SOURCE OF PARTS FOR KIT: GR				AVAILABILITY 8 WEEKS AFTER APPROVAL						
DISPOSITION OF SPARES AFFECTED: Spares to be reworked PPB to be changed by C/N to PSO.										

Approved For Release 2002/10/25 : CIA-RDP72B00464R000400070047-4

GA-531

Change Proposal X

CR-49

NATURE OF PROPOSAL:

Ref: REW KP-I-229

1. Replace PC Board in Video Amplifier
 - a. New, redesigned, Video Amplifier PC Board Assembly P/N 531A705-010-001 is replacing Video Amplifier PCB board Assembly P/N 531A705-010-001. *? see p.1*
2. Relay Assembly Change
 - a. Add "Video Level Set" wire from Relay K8-2 to terminal 7J14-3.
 - b. Add wire from Relay K1-2 to Relay K8-1
 - c. New Relay Assembly, P/N 531A724-001-107, was P/N 531A724-001-105. ✓
3. Resistor Assembly Change
 - a. Replace resistors R3 and R6, RL32AD332J with RL42S820J resistor.
 - b. Replace resistor R4 and R5, RL42AD101J with RL 425180J resistor.
 - c. New Resistor Assembly P/N 531A727-005-107 was P/N 531A727-005-105. ✓
4. Modify Cover Assembly
 - a. Add slotted holes to Cover Assembly P/N 531A703-006-101 to match new jack and potentiometer locations and change Cover Assembly P/N to 531A703-006-103. ✓
5. Mod No. 6 will be assigned to the 531A701, -103, -105 Recorder Assembly.]

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